

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 05/Oct/2019 SATURDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	123.061	541.627	1) Gujrat	15.785	81.358
2) Hydro	5.129	33.585	2) Madhya Pradesh	9.048	50.883
3) Gas	9.645	48.017	3) Chattisgarh	3.000	13.660
Total MSPGCL	137.835	623.229	4) Maharashtra	137.718	712.977
B) 1) APLM	20.731	115.650	5) Goa (Amona)	-0.396	-1.320
2) JSWEL	16.328	83.450	Total	165.155	857.558
3) VIPL	0.000	0.000	a) Mumbai Schedule	29.851	142.108
4) RPL(AMT)	19.362	110.751	b) Mumbai Drawl	33.467	161.872
5) WPCL	0.000	0.000	c) MSEDCL Bilateral *	37.102	163.112
6) Other IPP	8.643	42.411	Include PX	18.203	69.927
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	29.851	142.108
C) 1) TPCL Thermal	12.304	65.971	Include PX	16.512	74.492
2) TPCL Hydro	2.829	18.259	Standby	0.000	0.000
3) TPCL Gas	4.366	17.979	H) ENERGY CATERED (MUs)		
4) AEML Thermal	9.176	50.598	1) MSEDCL	344.117	1736.632
D) STATE			2) Mumbai Discoms	62.142	314.677
1) Thermal	209.605	1010.458	TOTAL STATE	406.259	2051.309
(A1+C1+C4+(B1-B6))					
2) Hydro	7.958	51.844			
(A2+C2)					
3) Gas	14.011	65.996			
(A3+B7+C3)					
4) Wind	3.525	35.731			
6) SOLAR	6.005	29.724			
TOTAL STATE	241.104	1193.753			

* Displayed for information, not added in total.

DETAILS OF MAHARASHTRA STATE PEAK DEMAND(MW) Statement II

PARTICULARS	A. Morning Peak at 11 Hrs	B. Day Peak at 14 Hrs	C. Evening Peak at 19 Hrs	D. Night Minimum at 4 Hrs
MSPGCL Thermal	5145	4850	5433	4942
MSPGCL Hydro	183	277	192	82
MSPGCL Gas	394	390	408	404
MSPGCL Total Generation	5722	5517	6033	5428
Central Sector Receipt	7946	7645	7462	5490
WIND	119	146	121	46
CPP / IPP Thermal	2555	2603	2999	2658
CPP / IPP Gas	0	0	0	0
SOLAR	803	817	2	0
Exchange with Mumbai	-1891	-1858	-1385	-887
MSEDCL DEMAND MET	15254	14870	15232	12735
Load Shedding	0	0	0	0
MSEDCL DEMAND	15254	14870	15232	12735
TPCL GENERATION	753	748	1131	694
AEML GENERATION	373	375	416	374
MUMBAI DEMAND	3017	2981	2932	1955
STATE DEMAND MET	18271	17851	18164	14690
STATE DEMAND	18271	17851	18164	14690
Frequency (Hz)	50.02	50.04	50.01	50.02

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.15 Hz at 07.42 Hrs	49.87 Hz at 15.57 Hrs	50.02	0 % of Time(min)

Note : The report is based on Operational Data and is for statistical purpose only.

Shift Engineer

Shift Incharge

Daily and Progressive Generation,Maximum,Minimum for 05/Oct/2019

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	0.00	0.00	0	0
Unit 7	0.00	0.00	0	0
Unit 8	0.00	0.00	0	0
Unit 9	11.34	48.20	530	410
Unit 10	11.00	50.64	531	375
Total	22.34	98.84		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	9.46	49.54	470	350
Unit 5	0.00	0.00	0	0
Total	9.46	49.54		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	0.00	0.00	0	0
Unit 7	4.65	24.52	248	176
Unit 8	4.79	24.19	220	191
Total	9.44	48.71		
Chandrapur				
Unit 3	3.64	3.81	182	70
Unit 4	3.69	17.21	160	140
Unit 5	8.59	35.50	380	301
Unit 6	8.89	36.50	425	346
Unit 7	0.00	0.00	0	0
Unit 8	9.56	41.73	460	360
Unit 9	9.14	41.17	450	305
Total	43.51	175.91		
Paras				
Unit 3	4.66	9.73	244	177
Unit 4	0.00	0.00	0	0
Total	4.66	9.73		
Khaparkheda				
Unit 1	1.10	10.96	135	0
Unit 2	3.46	19.84	165	120
Unit 3	4.03	20.80	190	150
Unit 4	4.03	18.83	190	145
Unit 5	10.59	41.38	500	360
Total	23.21	111.80		
Nasik				
Unit 3	3.40	10.99	162	91
Unit 4	3.48	17.94	170	105
Unit 5	3.55	18.17	160	127
Total	10.43	47.10		
Uran				
All Units	9.64	48.02	415	378
Total	9.64	48.02		
PGPL				
Unit 1	0.00	0.00	0	0
Unit 2	0.00	0.00	0	0
Total	0.00	0.00		
PENCH (MS)				
Pench (MS)	1.25	6.31	54	50

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	1.25	6.31		
Koyna				
Stage 1-2	2.16	16.10	230	40
Stage 4	1.35	8.08	500	0
Stage 3	0.26	5.46	80	0
Total	3.76	29.64		
Hydro				
KDPH	0.66	0.95	37	18
VTRNA	0.00	0.00	0	0
TILLARI	0.00	0.00	0	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.23	1.25	40	0
RNGR+BHTSA	0.00	0.00	0	0
BHANDARDRA	0.14	0.14	6	5
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.33	0.97	15	13
GHATGHAR	0.00	0.63	0	0
Total	1.36	3.95		
Wind				
Total	3.52	35.73	0	0
Total	3.52	35.73		
CPP				
APML(Mus)	20.73	115.65	0	0
JSWEL(Mus)	16.33	83.45	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT(Mus)	19.36	110.75	0	0
WPCL(Mus)	0.00	0.00	0	0
Other(Mus)	8.64	42.41	0	0
Total	65.06	352.26		
SOLAR				
Total	6.00	29.72	0	0
Total	6.00	29.72		
Tata				
Trombay 5	7.54	41.69	317	306
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.78	11.30	116	115
Trombay 7B	1.58	6.68	67	65
Trombay 8	4.76	24.28	211	196
TATA Hydro	2.83	18.26	444	8
Total	19.50	102.21		
AEML				
DTPS U-1&2	9.18	50.60	498	373
Total	9.18	50.60		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	123.06	541.63	MSPGCL Total	137.84	623.23
			MSPGCL Thml+Gas	132.71	589.64	Koyna 1,2 & 4 Total	3.50	24.18
			MSPGCL Hydro	5.13	33.58	State Total	241.10	1193.75

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 05/Oct/2019

TIME SR. NO.	MSPGCL GEN.			TOTAL	WIND	CPP / IPP		SOLAR	CS SHARE	CS RECPT	Mum. NET EXCH.	MSEDCL DEM. MET	LOAD SHEDDI NG	MSEDCL DEM. WITH LS	MUMBAI DEMAND	STATE DEMAND	FREQ. (Hz)
	THM	HY	GAS			THM	GAS										
1	4921	116	411	5448	59	2672	0	0	6109	6319	-1275	13223	0	13223	2380	15603	50.02
2	5089	86	414	5589	40	2661	0	0	5808	5779	-1102	12967	0	12967	2187	15154	49.99
3	5118	76	403	5597	63	2666	0	0	5562	5432	-967	12791	0	12791	2044	14835	50.00
4	4942	82	404	5428	46	2658	0	0	5673	5490	-887	12735	0	12735	1955	14690	50.02
5	5034	87	404	5525	71	2599	0	0	5969	6075	-858	13412	0	13412	1928	15340	50.00
6	5270	77	415	5762	75	2682	0	0	6925	6690	-938	14271	0	14271	2005	16276	49.98
7	5401	213	404	6018	49	2773	0	16	7207	7494	-917	15433	0	15433	2067	17500	50.02
8	5590	84	415	6089	79	2940	0	145	7702	7296	-1036	15513	0	15513	2179	17692	50.07
9	5073	85	402	5560	128	2721	0	463	7403	7309	-1364	14817	0	14817	2440	17257	50.03
10	4890	123	409	5422	144	2676	0	718	7429	7682	-1667	14975	0	14975	2771	17746	50.03
11	5145	183	394	5722	119	2555	0	803	7562	7946	-1891	15254	0	15254	3017	18271	50.02
12	5373	118	383	5874	139	2543	0	908	7876	7619	-1984	15099	0	15099	3096	18195	50.02
13	5037	142	401	5580	149	2617	0	940	7539	7335	-1968	14653	0	14653	3079	17732	50.03
14	4850	277	390	5517	146	2603	0	817	7168	7645	-1858	14870	0	14870	2981	17851	50.04
15	5114	191	378	5683	146	2591	0	582	7494	7620	-1897	14725	0	14725	3026	17751	49.99
16	5302	102	399	5803	102	2582	0	419	7802	7512	-1902	14516	0	14516	3038	17554	50.00
17	5438	107	390	5935	83	2600	0	157	7492	7331	-1833	14273	0	14273	3002	17275	49.99
18	5462	97	384	5943	151	2600	0	35	7240	6917	-1526	14120	0	14120	2932	17052	50.07
19	5433	192	408	6033	121	2999	0	2	7309	7462	-1385	15232	0	15232	2932	18164	50.01
20	5322	108	402	5832	200	3258	0	0	7399	7148	-1271	15167	0	15167	2922	18089	50.04
21	5080	560	401	6041	400	3049	0	0	6830	6717	-1326	14881	0	14881	2791	17672	50.00
22	4705	867	414	5986	365	2752	0	0	6489	6193	-1207	14089	0	14089	2564	16653	50.03
23	4738	554	406	5698	315	2636	0	0	6376	6227	-1205	13671	0	13671	2449	16120	50.02
24	4734	602	414	5750	335	2631	0	0	6080	5917	-1203	13430	0	13430	2357	15787	50.03
MUs	123.06	5.13	9.65	137.84	3.53	65.06	0.00	6.00	166.44	165.15	-33.47	344.12	0.00	344.12	62.14	406.26	50.02

NOTE : ALL VALUES IN MW

Mumbai Net Exch is shown with reference to MSETCL system and (-) sign indicates MSETCL periphery to Mumbai system.

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 05/Oct/2019

Position as on 6.30 Hrs of 06/Oct/2019

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
PLANNED OUTAGE								
CPP	SWPGL U-3	135	01/11/2018	00.28		Continued.	Annual Overhaul	
MSPGCL	Koyna STG- IV Unit - 1	250	18/07/2019	14.30		Continued.	Breaker Air Pressure Problem(Converted for Capital Overhaul from DT.24-07-2019)	
MSPGCL	Chandrapur Unit 7	500	27/07/2019	00.00		Continued.	Annual Overhaul	
MSPGCL	Koradi Unit-8	660	25/08/2019	00.01		Continued.	Annual Overhaul	
MSPGCL	Bhusawal Unit 5	500	25/08/2019	00.13		Continued.	Capital Overhaul	
MSPGCL	Paras Unit 4	250	25/08/2019	00.45		Continued.	Annual Overhaul	
FORCED OUTAGE								
TPC-G	Trombay 6	500	15/07/2015	17:08		Continued.	Economic shutdown	
IPP	SWPGL U-1	135	16/02/2016	17.09		Continued.	No PPA.	
MSPGCL	Parli Unit 4	210	01/04/2016	00.00		Continued.	Economic shutdown	
MSPGCL	Parli Unit 5	210	01/04/2016	00.00		Continued.	Economic shutdown	
PGPL	PGPL U2	126	07/02/2017	17.30		Continued.	No Schedule	
PGPL	PGPL U1	262	07/02/2017	17.30		Continued.	No Schedule	
MSPGCL	Uran Unit 7	108	20/07/2018	12.53		Continued.	Compressor & Turbine Blade Failure.	
IPP	IEPL Unit 1	270	28/08/2018	21.26		Continued.	No PPA	
IPP	SWPGL U-2	135	27/11/2018	00.00		Continued.	No Schedule.	
CPP	SWPGL U-4	135	15/12/2018	00.00		Continued.	No Schedule	
IPP	VIPL U-1	300	29/12/2018	00.30		Continued.	Coal Shortage	
IPP	VIPL U-2	300	17/01/2019	00.15		Continued.	Coal Shortage	
MSPGCL	Koyna Unit 10	80	05/08/2019	20.05		Continued.	Stator Earth Fault	
MSPGCL	Koradi Unit 7	210	27/08/2019	09.52		Continued.	Coal Flow Problem Due To Wet Coal.(converted to zero schedule from 12.09.2019 at 20.00 hrs)	
IPP	RPL(AMT) U-1	270	01/09/2019	09.11		Continued.	Generator Protection operated	
MSPGCL	Bhusawal Unit 3	210	01/09/2019	17.56		Continued.	Zero Schedule from 18:00hrs of 28/09/2019	
MSPGCL	Koradi Unit 6	210	06/09/2019	15.41		Continued.	Zero Schedule	
IPP	Adani U-1	660	19/09/2019	01.43		Continued.	Due to Low Coal Stock.	
MSPGCL	Parli Unit 6	250	19/09/2019	06.24		Continued.	Poor Coal Receipt.	
IPP	Adani U-2	660	30/09/2019	05.37		Continued.	Coal Shortage	
IPP	JSW (J) U3	300	30/09/2019	23.53		Continued.	No schedule.	
IPP	Adani U-5	660	01/10/2019	23.10		Continued.	Coal Shortage	
MSPGCL	Koyna STG-IV Unit-2	250	02/10/2019	19.19		Continued.	Down Stream Seal Leakage Problem.	
MSPGCL	Khaparkheda Unit 1	210	05/10/2019	09.18	06/10/2019	02.40	Air heater problem	
MSPGCL	Nasik Unit 4	210	06/10/2019	07.35	06/10/2019	11.58	Flame Failure	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 05/Oct/2019

Position as on 6.30 Hrs of 06/Oct/2019

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
MSPGCL	Khaparkheda Unit 3	210	06/10/2019	10.23		Continued.	Boiler Tube Leakage	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 05/Oct/2019

Statement-VII

Position as on 6.30 Hrs of 06/Oct/2019

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
500 KV LINE Outages/Trippings							
Chandrapur - Padghe Hvdc Pole 2	IntraState	24/09/2019	17.43		Continued.	PO	Tower Height Rise work
Chandrapur - Padghe Hvdc Pole 1	IntraState	24/09/2019	17.56		Continued.	PO	Tower Height Rise work
400 KV LINE Outages/Trippings							
Karad Solapur (PG)	InterState	03/05/2017	11:49		Continued.	PO	Line Converted As 220 Kv Solapur (PG)- Jeur From LOC 403
Dabhol Newkoyna li	InterState	04/10/2019	13.54	05/10/2019	18.54	PO	Replacement of Flashover String
Dabhol Nagothane I	InterState	04/10/2019	22.07	05/10/2019	01.01	T	Bus Bar Protection Operated
Chandrapur-II - Warora - I	InterState	04/10/2019	22.30	05/10/2019	16.55	PO	Attending Hot Spot
Dhule Khandwa II	InterState	05/10/2019	00.29		Continued.	HT	Over Voltage
Chandrapur Bhadravati I	InterState	05/10/2019	08.31		Continued.	PO	Work at Bhadravati end
Dabhol Nagothane I	InterState	06/10/2019	13.35	06/10/2019	18.44	EO	Earth Wire Replacement
Chandrapur-II - Nanded ckt II	IntraState	16/09/2019	08:57	05/10/2019	07.04	PO	Replacement of Broken Spacer cum Damper.
Chandrapur - Khaperkheda	IntraState	26/09/2019	01.05	06/10/2019	09.21	T	O/V (Trial Taken At 08.10 But Trip Again O/V.)
Khadka-Aurangabad (Waluj)	IntraState	04/10/2019	17.13	06/10/2019	09.16	HT	Over Voltage
Nagothane - Dabhol-II	IntraState	04/10/2019	20.48	05/10/2019	01.01	T	TRIPPED AT NAGOTHANE END ONLY AS DT RECIVED FROM DABHOL END.
Karad-Jaigad - I	IntraState	05/10/2019	20.52		Continued.	HT	Over Voltage
Kharghar-Talegaon(PG)	IntraState	06/10/2019	06.13	06/10/2019	17.42	PO	Damage conductor work
Kalwa - Talegaon(PG)	IntraState	06/10/2019	14.56		Continued.	T	Y Phase LA Burst
Khadka-Aurangabad (Waluj)	IntraState	06/10/2019	17.51		Continued.	HT	Over Voltage
400 KV ICT Outages/Trippings							
400/220/33 Kv 315 Mva ICT 1 @Padghe	IntraState	15/11/2018	10.07		Continued.	T	Differential Protection, Declared Faulty.
400/220/33 Kv 500 Mva Ict 1 @ CHANDRAPUR 2	IntraState	12/04/2019	17.10		Continued.	HT	Due To CVT Porcelain Collars Of The ICT-1 are Damaged.
220 KV LINE Outages/Trippings							
Mudshingi Chikodi	InterState	24/09/2019	17.12		Continued.	T	Distance Protection
Talandage - Chikodi	InterState	01/10/2019	17.10		Continued.	PO	No Schedule
Tillari Amona	InterState	05/10/2019	14.02	05/10/2019	16.10	HT	H/T due to tripping of Halkarni-Tillari line
Mahalakshmi Amona	InterState	05/10/2019	14.02	05/10/2019	16.15	T	Backup Protection
Tillari Amona	InterState	06/10/2019	20.57	06/10/2019	22.43	T	Distance Protection
Mahalakshmi Amona	InterState	06/10/2019	20.57	06/10/2019	22.16	T	Distance Protection
BOISAR BORIVALI	IntraState	24/07/2018	13.18		Continued.	HT	To Control Line Loading(H/T from Boisar end)
Chandrapur GCR - Sicom I	IntraState	01/10/2019	07.45		Continued.	PO	Erection of Inline Tower.
Chandrapur GCR - Sicom II	IntraState	01/10/2019	07.50		Continued.	PO	Erection of Inline Tower.
Aarey Saki Line 1	IntraState	04/10/2019	09.05	05/10/2019	00.49	PO	MMRDA WORK
Pusad-Ghatodi	IntraState	05/10/2019	07.30	05/10/2019	15.20	EO	R Phase CT Heavy Leakage
Dahanu Versova	IntraState	05/10/2019	07.47	05/10/2019	20.10	PO	Line Maintenance work
Eklahara(Gcr)(Nasik)- Bableshtar-I	IntraState	05/10/2019	08.20	06/10/2019	00.39	PO	CT Replacement
Pophali - Nerale	IntraState	05/10/2019	08.45	05/10/2019	12.50	PO	Y Phase Line side Isolator Pad Hot Glow
Nanded-Parbhani	IntraState	05/10/2019	10.53	05/10/2019	15.57	PO	Jumper connecting work
Paras-Chikhali Ckt No-Ii	IntraState	05/10/2019	11.27	05/10/2019	18.28	PO	Tan Delta Measurment of CTs
Uran - Apta III	IntraState	05/10/2019	12.10	05/10/2019	16.50	PO	Tree Trimming work

HT : Hand Tripping, MT : Multiple Tripping, T : Tripping, PO : Planned Outage, EO : Emergency Outage, OO : Opportunity Outage

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 05/Oct/2019

Statement-VII

Position as on 6.30 Hrs of 06/Oct/2019

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
220kv Halkarni- Tillary	IntraState	05/10/2019	14.02	05/10/2019	15.00	T	Distance Protection
Halkarni-Mahalaxmi line	IntraState	05/10/2019	14.02	05/10/2019	14.48	T	Distance Protection
Warora - Wardha	IntraState	05/10/2019	14.37	05/10/2019	16.52	EO	To attend Hot Spot
Boisar Versova Line	IntraState	06/10/2019	06.27	06/10/2019	19.19	PO	Insulator Replacement Work
Versova Gorai Line	IntraState	06/10/2019	07.36	06/10/2019	11.27	T	Distance Protection
Kalwa1- Airoli Knowledge Park	IntraState	06/10/2019	09.55	06/10/2019	17.13	PO	Jumper Tightening and Fixing of Nut Bolts
Halkarni-Mahalaxmi line	IntraState	06/10/2019	20.57	06/10/2019	22.11	T	Distance Protection
220 KV ICT Outages/Trippings							
220/132kv 100mva Ict 1 @Peth	IntraState	05/10/2019	10.18	05/10/2019	12.02	PO	Quarterly Maintenance Work
220/100 KV 200MVA ICT II @ Pal	IntraState	05/10/2019	12.12	05/10/2019	13.22	HT	To check trip supervision ckt
220/132 KV 150MVA ICT I @ Boisar	IntraState	06/10/2019	09.50	06/10/2019	15.03	HT	Air Removal from Buchholz

HT : Hand Tripping, MT : Multiple Tripping, T : Tripping, PO : Planned Outage, EO : Emergency Outage, OO : Opportunity Outage